GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:1047
ANSWERED ON:02.03.2016
Investment in IT Sector
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Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether the Government is aware that investment in latest technologies by Indian IT companies will improve efficiency;
(b) if so, whether penetration of digital technology and upgradation of employees' skills will also lead to mass retrenchment and if so, the details thereof and the steps taken by the Government in this regard;
(c) the measures taken by Government to strengthen the new start-up by using digital technology;
(d) whether the gap between the demand for skilled workforce and its availability is widening; and
(e) if so, the steps taken by the Government to bridge this gap?

Answer

(a): Yes, Sir.

(b): No, Sir. According to data published by National Association of Software and Services Companies (NASSCOM), the Indian Information Technology & Information Technology Enabled Services (IT-ITES) industry continues to be a net hirer of personnel, currently employing about 3.7 million personnel and has provided direct employment to 1.1 million persons in the last 5 years.

(c): According to Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry, the "Startup Action Plan" released on 16.1.2016, includes inter-alia rolling out of Mobile App and Online Portal for registration of and compliances by Startups.

(d) and (e): As per National Skill Development Council (NSDC) Report on Human Resources and Skill Requirements in the IT and ITES Sector, out of the available talent pool of engineering and MCA graduates, about 25% are employable in the sector. Further, new or complex service offering require skill-based training. According to NASSCOM, Design Engineering, Cyber Security, Analytics and Big Data, Technology enabled Healthcare, Mobile Platforms, Cloud Computing, Internet of Things (IOT), Digital Marketing etc. are some of the new technologies that are driving workforce skills.

Some of the Schemes/Projects of Department of Electronics and Information Technology (DeitY), Ministry of Communications and Information Technology, Government of India, to ensure availability of trained human resources for the IT industry are as under:

(i) Post Graduate and Doctorate level: Visvesvaraya PhD Scheme for Electronics and IT
(ii) Graduate level: Scheme of financial assistance for Setting up Electronics and ICT Academies in IITs, NITs, IIITs etc.
(iii) Vocational, Skill development level:
(a) Skill Development in Electronic System Design & Manufacturing (ESDM) sector
(b) Efforts to generate greater participation of Industry through Sector Skill Councils − Electronics, IT/ITES, Telecom, Medical Electronics etc.
(c) Skill development training to enhance employability
(iv) Niche Areas:
(a) Information Security education and awareness (ISEA)
(b) Electronic Product Design and production Technology
(c) Special Manpower Development program for Chips to Systems
(v) Grass root level: for spreading Digital literacy to the masses in the country
(a) IT Mass Literacy (National Digital Literacy Mission)
(b) Digital Saksharta Abhiyan (DISHA)
(vi) Skill development facilities in deprived areas through National Institute of Electronics and Information Technology (NIELIT), an autonomous society of DeitY.

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